

IN THE DRAWINGS:

Attached are the substitute page drawings from the PCT prosecution having the English language legends. No new matter is added. These drawings have also been stamped "Replacement Sheet".

REMARKS

The specification was amended to describe Figs. 3A and 3B in view of the objection by the Examiner.

The original PCT Rule 26 substitute pages with English language translated reference characters are enclosed with each marked "Replacement Sheet", but with the PCT information removed from the top and bottom of the pages.

The list of references on PTO-1449 sheets for the original Information Disclosure Statement inadvertently not included with the original Information Disclosure Statement is now enclosed. The additional fee required after a first Office Action for submitting this Information Disclosure Statement in the amount of \$180.00 is enclosed. The Examiner is authorized to charge any additional fees to our Deposit Account No. 501519. A duplicate copy of this sheet is enclosed.

In view of the claim objections by the Examiner, claims 20, 29, 33, and 39 have been amended to avoid these objections. It is further noted with respect to the Examiner's comment that it was unclear how the first surface tension can moisten the carrier material without significant change in volume, as shown in Fig. 1 the periphery of the surface is at a lower level while the central portion is at a higher level. Therefore there is no significant change in volume.

Claims 20-24, 26-33, and 39 are rejected under 35 U.S.C. §102 as anticipated by Gundlach. Claim 20 distinguishes over Gundlach at least by reciting the printing fluid having a first surface tension causing a surface shape change so that a portion of the surface contacts and thus moistens the carrier material and wherein the second surface tension results in a shape of the surface positioned away from contact with the carrier material. Gundlach relies on vaporization of the ink to cause propulsion of the ink out of the grooves 25 so that the ink jumps across the gap of

the receiving member 27. There is no first surface tension causing a shape change so that at least a portion of the surface of the ink contacts a carrier member and a second surface tension having an associated shape such that the surface is positioned away from the carrier material. Gundlach says nothing about surface shape changes to effect moistening of the carrier member. Gundlach relies on vaporization.


The secondary reference Inoue similarly has no teaching of using different surface tensions to create different surface shapes for positioning the surface either in contact with the carrier member or away from the contact with the carrier member. Similarly, the secondary reference Wiedemer also does not teach this different shape caused by different surface tensions.

Dependent claims 21-32 distinguish at least for the reasons noted with respect to claim 20 and also by reciting additional features not suggested.

Independent claim 39 distinguishes in a manner similar to claim 20.

Allowance of the claims is respectfully requested.

Respectfully submitted,


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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on May 23, 2006.




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